



ELSEVIER

Colloids and Surfaces

A: Physicochemical and Engineering Aspects 155 (1999) 437-438

COLLOIDS
AND
SURFACES

A

Author Index

- Abillon, O., 117
Allen, D.W., 43
Amiel, C., 177
Araujo, Y.C., 131
Ashwell, G.J., 43, 47
- Babak, V., 171
Balnois, E., 287
Barnes, G.T., 69
Barré, L., 199
Bejarano-Bravo, C.M., 211
Beucler, F., 177
Bianchi, C., 395
Bienkowski, M., 43
Biggs, S., 1
Blunt, M.J., 259
Boisvert, J.-P., 161
Boury, F., 117
Breen, C., 211
Bremmell, K.E., 1
Brooks, B.W., 323
Brown, A.S., 85
Buffle, J., 287
Burns, C.A., 63
- Cass, P.J., 63
Chantrapornchai, W., 373
Chrysikopoulos, C.V., 189
Chyla, A., 43
Clydesdale, F., 373
Confalonieri, F., 395
Crawford, R.J., 63
Creagh, D.C., 85
- Debao, W., 383
Dulieu, C., 171
- Elliot, D.J., 101
Esumi, K., 413
- Fauchadour, D., 199
- Firincioglu, T., 259
Fukui, H., 413
Fukushima, M., 249
Furlong, D.N., 101
- Ganeva, S., 155
Gentle, I.R., 69
Gonzalez, E.A., 113
Gosselet, N.M., 177
Goto, S., 231
Grieser, F., 101
- Harding, I.H., 63
Hill, P.S., 113
Holt, S.A., 85
Huang, C.-H., 47
Huang, J.-B., 339
- Imai, Y., 311
Ivanova, T., 117
- Jameson, G.J., 1
Jolicœur, C., 161
- Kaisheva, M., 155
Koshinuma, M., 311
- Lamb, R.N., 93
Lawrie, G.A., 69
Lee, Y.-L., 221
León, V., 131
Leppard, G.G., 287
Li, X., 43
Lou, D.A., 433
- Madrid, L., 211
Ma, K., 359
Malmsten, M., 145
Mange, F., 199
Mann, B.E., 211
Mao, M., 339
- Mar, G.L., 93
McClements, D.J., 373
Morris, G.E., 27
- Nagasaki, S., 137
Nakamura, A., 311
Neuman, R.D., 419
Nicolau, D.V., 51
Normand, L., 199
- Ödberg, L., 145
- Panaïotov, I., 117
Pavlínek, V., 241
Pelton, R., 231
Penfold, J., 11
Picot, A., 171
Pierre, A.C., 359
Poncelet, D., 171
Porsch, B., 241
Porta, F., 395
Postel, C., 117
Proust, J.E., 117
- Quadrat, O., 241
- Recchia, S., 395
Renard, E., 177
Roberts, M.P.S., 43
Rojas, O.J., 419
Rouleau, L., 199
- Saeed, A., 405
Sáha, P., 241
Sajjadi, S., 323
Sakai, K., 413
Saulnier, P., 117
Scari, G., 395
Sebille, B., 177
Self, P.G., 27
Shah, S.S., 405

Sharif, Q.M., 405
Shirtcliffe, N., 277
Sim, Y., 189
Skinner, W.A., 27
Skjonnemand, K., 43
Smart, R.S.C., 27
Staples, E.J., 11
Stemme, S., 145
Suhara, T., 413
Suzuki, A., 137
Sworakowski, J., 43
Szelag, H., 349

Taguchi, T., 51
Tajima, K., 311
Tanaka, S., 137
Taniguchi, H., 51
Tatsumi, K., 249
Terzieva, V., 155
Thomas, R.K., 11
Thompson, G., 211
Torigoe, K., 413
Tran, N.H., 93
Tucker, I., 11
Tusa, A., 131

Wei, C., 383
Wilkinson, K.J., 287
Xiaopeng, H., 383
Xun, F., 383
Yoshikawa, S., 51
Yuan, S., 85
Zerfa, M., 323
Zhengshui, H., 383
Zhou, D., 47, 259
Zhu, B.-Y., 339
Zwierzykowski, W., 349

Subject Index

- Adsorption, 11, 63, 211
- Adsorption of polysaccharides, 419
- Aggregates, 287
- Aggregation, 383
- Aggregation number, 405
- Aggregation time, 113
- Air–water interface, 11
- Alcalimetric titration, 161
- Alginate beads, 171
- ²⁷Al NMR, 161
- Analytical solution, 189
- Anomalous dispersion, 85
- Aqueous heavy metals, 63
- Associative phase diagrams, 177
- Associative polymer, 177
- Atomic force microscope (AFM), 1
- Atomic force microscopy, 117, 287
- Australian coal, 63
- Bentonite, 137, 211
- Betaine dye, 43
- Boehmite, 199
- Cadmium, 211
- Capillarity, 259
- Cationic polyacrylamide, 145
- Characterisation, 395
- Coagulation, 359
- Coal rank, 63
- Cofactor, 231
- Colloidal dispersion, 395
- Colloid migration, 137
- Colloids, 287
- Color, 373
- Conformation of polymer, 413
- Contact angle hysteresis, 221
- Corner flow, 259
- Cristobalite particles, 241
- Cu/SiO₂ composite coatings, 155
- β -Cyclodextrin, 177
- Differential scanning calorimetry, 311
- Diffusion, 137
- Dimyristoylphosphatidylcholine, 311
- Dissolved and colloidal substances, 419
- Drop size, 323
- Dropwise condensation, 221
- Dynamic contact angle, 221
- Electro-deposition, 277
- Electrorheology, 241
- Ellipsometry, 145
- Emulsion, 311, 323, 373
- Emulsions, 349
- Ethanol–water mixture, 339
- Fatty acid soaps, 349
- Fe³⁺, 359
- Flocculation, 145
- Floc elasticity, 231
- Floc strength, 231
- Fractal, 359
- Freeze fracture, 323
- Freshwater, 287
- Gelation, 171
- Guar gum, 419
- HLB, 349
- Humic acid, 249
- Humic substances, 287
- Hydrogen bonding, 231
- Hydrophobic–hydrophilic copolymers, 177
- Inclusion complexes, 177
- Interdiffusion, 85
- Interfacial films, 69
- Interfacial tension, 155, 349
- Ion competition, 211
- Ion exchange, 211
- Ionic conductivity, 405
- Ionic strength, 145, 405
- Iron species, 249
- Kaolinite, 277
- Kinetics, 249
- Langmuir–Blodgett films, 43, 47, 101
- Lead, 211

- Light irradiation, 249
Light scattering, 373
Liposomes, 69
- Macromolecules, 287
Mathematical modeling, 189
Micellar size, 405
Micellization, 339, 405
Microlithographic materials, 51
Modified acylglycerol emulsifiers, 349
Monoacylglycerols, 349
Monolayers, 69, 117
Montmorillonite, 277, 359
- Nanoparticles, 101
Natural organic matter, 287
Nickel(II), 395
Non-ionic surfactants, 323
Np(IV), 137
- Patterning, 51
PCC, 231
PEO, 231
Phase inversion, 323
Phase transition, 117
Phosphatidylcholines, 69
Phospholipid bilayer assembly, 311
Physico-chemical parameters, 171
Pigments, 27
Platinum, 131
Polyaluminum chloride, 161
Polyaluminum sulfate, 161
Polyelectrolyte adsorption, 145
Polyelectrolyte/surfactant, 1
Polymers, 117
Polysaccharides, 287
Proteins, 51
- Q-state CdS particles, 101
Q-state HgS particles, 101
Quantitative analysis, 155
Quantum wells, 85
Quartz crystal microbalance, 277
- Reduction, 249
Reflectivity, 85
REQCM, 277
Retention, 419
Rheology, 27
- Second-harmonic generation, 43, 47
Self-assembly, 69
Sensors, 43
Silica, 145
Simultaneous adsorption of surfactant and polymer, 413
- Single source chemical vapour deposition, 93
Small-angle X-ray scattering, 199
Sodium dodecyl sulfate, 405
Sol-gel, 199
Solid surface tension, 131
Solubilization, 311
Solvent extraction, 383
Sorption, 137
Spectral reflectance, 373
Spin-labeled polymer, 413
Spreading, 259
Stability, 1
Starch, 419
Surface adsorption, 339
Surface chemistry, 27
Surface forces, 1
Surface functionalization, 51
Surface heterogeneity, 221
Surface-modified porous silica particles, 241
Surface plasmon resonance, 43
Surface tension, 339
Surfactant mixtures, 11
Suspensions, 241, 359
Synthesis, 395
- TBP, 383
Thin films, 93
Three-phase, 383
Three-phase flow, 259
Ti (IV), 383
TiO₂, 383
Titania, 27
Titanium dioxide, 27
Titanium dioxide with quaternary ammonium groups, 413
Transmission electron microscopy, 287
Tridecamer, 161
- Ultrafine powder, 383
Unsaturated porous media, 189
Unstable suspensions, 113
- Virus adsorption, 189
Virus inactivation, 189
- Wetability, 259
Wet-end additives, 419
- Xerogel membrane, 199
X-ray, 85
X-ray reflectivity, 117
- Zeta-potential, 1
Zeta potential, 419
Zinc diethyldithiocarbamate, 93
Zinc sulphide, 93

